

⁴
52. The scanner according to claim ²50, wherein the optical assembly includes a plurality of optical lenses, each of the lenses being respectively associated with a respective laser, for optically modifying the respective laser beam.

⁵
53. The scanner according to claim ¹49, wherein the scan pattern generator includes a plurality of optical elements, each of the elements having different optical properties when the light beams of different wavelengths are incident on a respective element.

⁶
54. The scanner according to claim ⁵53, wherein the elements are mirrors, at least one of the mirrors having a wavelength-selective coating thereon.

⁷
55. The scanner according to claim ⁶54, wherein the coating has a predetermined thickness.

⁸
56. The scanner according to claim ⁶54, wherein all the mirrors have the wavelength-selective coating thereon.

⁹
57. The scanner according to claim ⁶54, wherein the coating is operative for reflecting only one of light beams.

¹⁰
58. The scanner according to claim ⁵53, wherein the elements are mirrors, at least one of the mirrors being mounted for movement relative to the optical assembly.

¹¹
59. The scanner according to claim ¹⁰58, wherein others of the mirrors are stationarily mounted within the scanner.

12
60. The scanner according to claim 59¹¹, wherein the others of the mirrors are arranged along an arc.

13
61. The scanner according to claim 53⁵, wherein one of the scan patterns is an omni-directional scan pattern.

5/3
W
62. The scanner according to claim 49¹, wherein the wavelength selector is operative for manually selecting one of the beams.

15
63. The scanner according to claim 49¹, wherein the wavelength selector is operative for automatically selecting one of the beams.

63
Cont.
64. A method of reading indicia having parts of different light reflectivity, comprising the steps of:

- 5/3
W
a) producing a plurality of light beams of different wavelengths;
b) selecting a first of the beams to produce a first scan pattern, and selecting a second of the beams to produce a second scan pattern, the scan patterns having a different number of scan lines; and
c) scanning the selected scan pattern over the indicia to be read.

17
65. The method according to claim 64¹⁴, wherein the producing step is performed by producing the light beams as laser beams.

18
66. The method according to claim 65¹⁷, wherein the first laser beam has a wavelength of 670 nm, and wherein the second laser beam has a wavelength of 630 nm.

19
67. The method according to claim 64, wherein the selecting step is performed manually.

20
68. The method according to claim 64, wherein the selecting step is performed automatically.

21
69. The method according to claim 64, wherein the selecting step is performed by providing a plurality of optical elements, each of the elements having different optical properties when the light beams of different wavelengths are incident on a respective element.

22
70. The method according to claim 69, wherein the elements are mirrors, and wherein the selecting step is performed by applying a wavelength-selective coating on at least one of the mirrors.

23
71. The method according to claim 70, wherein the applying step is performed by applying the coating on all of the mirrors.

24
72. The method according to claim 69, wherein the elements are mirrors, and wherein the scanning step is performed by moving at least one of the mirrors. 24

REMARKS

Applicants confirm the election, with traverse, to prosecute the invention of Group V, claims 27-38, as required during a restriction requirement made by Examiner Dunn by telephone.